

OK TO ENTER: /A.S./

AMENDMENTS TO THE CLAIMS

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This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A bone cement comprising in admixture a monomer-containing liquid portion and a particulate polymer portion, wherein at least one of said portions comprises a non-polymerizable organoiodine compound, which, when present, is dissolved in the liquid portion or incorporated into the particles of the particulate polymer portion.
2. -3. (canceled).
4. (previously presented): The bone cement according to claim 1 having a chemically homogenized distribution of all components therein.
5. (canceled).
6. (previously presented): The bone cement as claimed in claim 1, wherein said cement additionally comprises an antibiotic compound.
7. (previously presented): The bone cement as claimed in claim 6, wherein said antibiotic compound is selected from the group consisting of gentamicin, colistin, erythromycin, clindamicin, penicillins, norfloxacin and chloramphenicol.
8. (previously presented): The bone cement as claimed in claim 6, wherein said antibiotic compound is present in the form of a lipophilic ester.
9. (previously presented): The bone cement as claimed in claim 1, wherein the concentration of the organoiodine compound within the particulate polymer portion differs by less than 50% compared to the concentration of the organoiodine within a polymer which is prepared *in situ* from the monomer during use.